

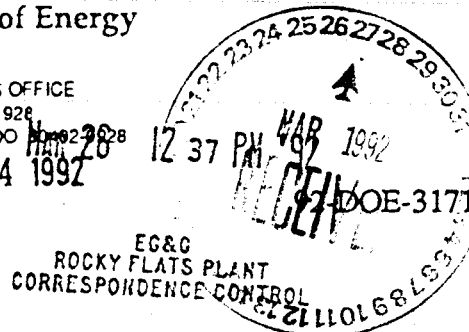
1662 RF 92

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Department of Energy

ROCKY FLATS OFFICE  
P.O. BOX 928  
GOLDEN, COLORADO 80628  
MAR 24 1992



ACTION

DIST. LTR FMC

ENJAMIN, A.	
ERMAN, H.S.	
RANCH, D.B.	
URLINGAME, A.H.	
ARNIVAL, G.J.	
OPP, R.D.	
ROUCHER, D.W.	
AVIS, J.G.	
VERED, J.E.	X
ERRERA, D.W.	
ODWIN, R.	
ANNI, B.J.	
EALY, T.J.	
ILBIG, J.G.	
DEKER, E.H.	
ERSH, J.M.	X
IRBY, W.A.	
RIEG, D.	
UESTER, A.W.	
EE, E.M.	
IAJESTIC, J.R.	
IARX, G.E.	
IORGAN, R.V.	
IZZUTO, V.M.	
OTTER, G.L.	
ANDLIN, N.B.	
HEPLER, R.L.	
ULLIVAN, M.T.	
WANSON, E.R.	
ALLMAN, K.G.	
WIFE, J.S.	
WILSON, R.B.	
WILSON, J.M.	
WONG, E.R.	
WANE, J.O.	
Bundy, W.	X
Lowenthal, T.	X

Mr. Fred Dowsett  
Hazardous Materials and Waste Management Division  
Colorado Department of Health  
4210 East 11th Avenue  
Denver, Colorado 80220

Dear Mr. Dowsett:

As part of the Well Abandonment and Replacement Program (WARP) which is being implemented at the Rocky Flats Plant, DOE plans to abandon 23 wells which are now in our current monitoring network. Nine of these wells will be replaced with new wells. The remaining 14 wells are not proposed to be replaced due to close proximity to other wells monitoring the same hydrostratigraphic units. All wells to be abandoned are described in the WARP.

The following wells are scheduled for replacement:

Well No.	Well Classification
1081	RCRA
0582	RCRA
0682	RCRA
0782	RCRA
0881	Characterization
0981	Characterization
1674	CERCLA
2274	CERCLA
0382	CERCLA

The proposed replacement wells are described below and shown on the enclosed map.

Proposed Replacement Well 46192 will be completed as a Rocky Flats Alluvium monitoring well and will replace RCRA wells 0782 and 1081. Both wells to be replaced monitor groundwater in the Rocky Flats Alluvium.

Proposed Replacement Well 46292 will be completed as a Rocky Flats Alluvium monitoring well and will replace RCRA wells 0582 and 0682. Both wells to be replaced monitor groundwater in the Rocky Flats Alluvium.

Proposed Replacement Well 46392 will be completed as a bedrock monitoring well and will replace bedrock Characterization well 0881.

Proposed Replacement Well 46492 will be completed as a Rocky Flats Alluvium monitoring well and will replace CERCLA well 0382 and Characterization well 0981. Both wells to be replaced monitor groundwater in the Rocky Flats Alluvium.

ADMIN RECCRD

SW-A-003546

Reviewed for Addressee  
Corres. Control RFP  
2-26-92 Cm

DATE BY

Proposed Replacement Well 46592 will be completed as a valley fill alluvial monitoring well and will replace alluvial CERCLA well 1674. However, water level measurements indicate well 1674 has a history of either being totally dry, or having too little water to sample. If saturated alluvium is not encountered during drilling at this location, this borehole will be deepened and a bedrock monitoring well will be installed as a replacement to bedrock monitoring well 1574. Bedrock monitoring well 1574 is located adjacent to CERCLA well 1674, but is not currently in our monitoring network. Due to the uncertainty with regard to encountering a sufficient thickness of saturated alluvium, the installation of both an alluvial and a bedrock well may be required at this location.

Proposed Replacement Wells 46692, 46792, and 46892 will be clustered in the same location and completed as wells to monitor individual sandstone units that are believed to be present in the claystone bedrock at this location. These wells will replace bedrock CERCLA well 2274.

The remaining 14 wells to be abandoned are listed below with reference to the existing monitoring well which is completed in the appropriate hydrostratigraphic interval to be used as a substitute for that well to be abandoned.

<u>Well to be Abandoned</u>	<u>Well Classification</u>	<u>Existing Well No.</u>
0260	RCRA	09889
0460	RCRA	09689
0171	CERCLA	7591
0271	CERCLA	1287
0174	CERCLA	2087
0374	CERCLA	3587
0974	CERCLA	0587
1074	CERCLA	0387
1186	CERCLA	41091*
1286	CERCLA	40991*
0186	Boundary	41491*
0286	Boundary	41591*
0486	Boundary	41691*
0781	Characterization	2186

\* These wells were drilled specifically to replace the Boundary and CERCLA wells listed.

Abandonment for the discussed wells will begin on April 3, 1992. Those wells with existing substitutes will be the first to be abandoned, although wells 0186, 0486, 1186 and 1286 may be delayed pending NEPA permitting due to their location in floodplains.

Wells to be replaced will be abandoned second and replaced within the same quarter that they are abandoned.

F. Dowsett

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MAR 24 1992

If you have any questions or objections to these proposals, please contact Jen Pepe of my staff at 966-2184 before April 3, 1992.

Sincerely,

*Thomas E. Fulmer*

*for*

James K. Hartman  
Acting Assistant Manager  
for Environmental Management

Enclosure

cc w/Enclosure:  
M. Hestmark, EPA

cc w/o Enclosure:  
G. Baughman, CDH  
C. Johannes, CDH  
W. Busby, EG&G  
T. Loveseth, EG&G